

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("5351622").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/05 19:45
S3	3	((("5351622") or ("4951572") or ("4703695")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/05 20:01
S5	12	"2046372"	EPO; JPO; DERWENT	OR	ON	2006/04/06 20:52
S6	2150	(102/473-500).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 20:52
S7	355	S6 and spring	US-PGPUB; USPAT	OR	ON	2006/04/06 20:52
S8	374	S6 and (spring\$5 or sprung or bias\$5)	US-PGPUB; USPAT	OR	ON	2006/04/06 21:14
S9	1297901	(spring\$5 or sprung or bias\$5)	US-PGPUB; USPAT	OR	ON	2006/04/06 21:14
S10	2279771	temperature or thermal\$4 or heat\$5	US-PGPUB; USPAT	OR	ON	2006/04/07 12:59
S11	2056600	expansion or pressure or hazard	US-PGPUB; USPAT	OR	ON	2006/04/06 21:16
S12	1351837	S10 and S11	US-PGPUB; USPAT	OR	ON	2006/04/06 21:16
S13	310499	projectile or shell or missile or grenade or bomb	US-PGPUB; USPAT	OR	ON	2006/04/07 12:59
S14	146613	S12 and S13	US-PGPUB; USPAT	OR	ON	2006/04/06 21:18
S15	38022	S9 and S14	US-PGPUB; USPAT	OR	ON	2006/04/06 21:21
S16	1	("4798145").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/06 21:22
S17	3	("4798145").URPN.	USPAT	OR	ON	2006/04/06 21:38
S18	1	("4365556").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 21:26
S19	1	("h001504").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 12:29
S20	0	("H001504").URPN.	USPAT	OR	ON	2006/04/06 21:38
S21	11	("2697400" "2866414" "3613585" "3662684" "4703695" "4798145" "4938146" "4982665" "H000058").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 22:04
S22	1	("4703695").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/06 22:04
S23	5	("4703695").URPN.	USPAT	OR	ON	2006/04/06 22:04

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S24	3	("3454313" "3978795").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 22:42
S25	1	("5351622").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/06 22:42
S26	1	("5351622").URPN.	USPAT	OR	ON	2006/04/06 22:42
S27	6	("4703695" "4776278" "4798145" "4922825" "4951572" "5153373").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 22:51
S28	1	("4951572").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:00
S29	6	("4951572").URPN.	USPAT	OR	ON	2006/04/06 22:54
S30	4	("3437036" "3978795" "4703695").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 23:03
S31	1	("6453817").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:00
S32	0	("6453817").URPN.	USPAT	OR	ON	2006/04/07 11:01
S33	12	("2926603" "3965993" "4496008" "4875413" "4885993" "4951572" "5153373" "5460095" "5505135" "5509357" "5656791").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 11:29
S34	1	("5902954").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:29
S35	0	("5902954").URPN.	USPAT	OR	ON	2006/04/07 11:48
S36	9	("4776278" "4798145" "4951572" "5237929" "5351622" "5505136" "5509357" "5567906" "5656791").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 11:54
S37	1	("5237929").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:54
S38	3	("5237929").URPN.	USPAT	OR	ON	2006/04/07 11:54
S39	8	("4622901" "4714019" "4776272" "4776278" "4976203" "4979443" "4982667" "5033387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 11:58
S40	734	(102/306,307,476).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:34
S41	327	(102/308,309,310).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:34
S42	197	S41 not S40	US-PGPUB; USPAT	OR	ON	2006/04/07 12:39
S43	118	(102/701).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:41

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S44	72	(102/305).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:43
S45	61	(102/475).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:44
S46	310499	projectile or shell or missile or grenade or bomb	US-PGPUB; USPAT	OR	ON	2006/04/07 12:59
S47	2279771	temperature or thermal\$4 or heat\$5	US-PGPUB; USPAT	OR	ON	2006/04/07 13:05
S48	846503	expand\$5 or expansion	US-PGPUB; USPAT	OR	ON	2006/04/07 13:02
S49	219845	S47 with S48	US-PGPUB; USPAT	OR	ON	2006/04/07 13:01
S50	7591	S47 same S48 same S46	US-PGPUB; USPAT	OR	ON	2006/04/07 13:03
S51	22343	"102"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/07 14:54
S52	224	S50 and S51	US-PGPUB; USPAT	OR	ON	2006/04/07 13:08
S53	1	("4703695").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:08
S54	1	("3916618").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:29
S55	7	("3916618").URPN.	USPAT	OR	ON	2006/04/07 13:29
S56	9	("3108433" "3173253" "3226928" "3397539" "3724219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 13:34
S57	1	("3173253").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:34
S58	3	("3173253").URPN.	USPAT	OR	ON	2006/04/07 13:37
S59	445	(spring or sprung or bias\$5) and (charge or explosive or propellant) and (expand\$5 or expansion)	EPO; JPO; DERWENT	OR	ON	2006/04/07 14:52
S60	68	(spring or sprung or bias\$5) and (charge or explosive or propellant) and (expand\$5 or expansion) and (temperature or thermal)	EPO; JPO; DERWENT	OR	ON	2006/04/07 14:22
S61	89	F42b039/20.ipc.	EPO; JPO; DERWENT	OR	ON	2006/04/07 14:23
S62	337	F42b039/00.ipc.	EPO; JPO; DERWENT	OR	ON	2006/04/07 14:12
S63	1	S59 and S62	EPO; JPO; DERWENT	OR	ON	2006/04/07 14:12

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S64	2128	(spring or sprung or bias\$5) same (charge or explosive or propellant) same (expand\$5 or expansion) same (temperature or thermal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:54
S65	7	F42b039/20.ipc.	US-PGPUB; USPAT	OR	ON	2006/04/07 14:23
S66	34556	"102"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 14:54
S67	84	S64 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 15:55
S68	1	("4365556").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 15:55
S69	7	("4365556").URPN.	USPAT	OR	ON	2006/04/07 15:55
S70	6	("1039204" "2345887" "3688702" "4259906").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 16:10
S71	1	("3978795").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 16:10
S72	4	("3978795").URPN.	USPAT	OR	ON	2006/04/07 16:10
S73	6	("1267695" "1323188" "2419414").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 16:18
S74	1	("5153373").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 16:18
S75	3	("5153373").URPN.	USPAT	OR	ON	2006/04/07 16:18
S76	7	("3217650" "3913488" "4487130" "4703695" "4862804" "4951572").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 16:36
S77	1	("6035631").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/07 16:36
S78	2	("6035631").URPN.	USPAT	OR	ON	2006/04/07 16:37
S79	7	("3887991" "5035181" "5044154" "5155298" "5311820" "5792981" "H001144").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/07 16:38
S80	1	("5317975").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 11:56
S81	5	("3981244" "4226185" "4621579" "4754706" "5210372").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 12:16
S82	5	("5317975").URPN.	USPAT	OR	ON	2006/04/10 12:20
S83	7	"1593370"	EPO; DERWENT	OR	ON	2006/04/10 13:13

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S86	160251	retain\$4 near10 (cap or lock\$4 or ring)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:15
S87	136414	retain\$4 near5 (cap or lock\$4 or ring)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:15
S88	33605	(retain\$4 near5 (cap or lock\$4 or ring)) same (spring or sprung)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:17
S89	3700	S88 and (shell or missile or projectile or grenade or bomb or bullet)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:18
S90	17097	(retain\$4 near5 (cap or lock\$4 or ring)) near10 (spring or sprung)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:37
S92	321898	(shell or missile or projectile or grenade or bomb or bullet)	US-PGPUB; USPAT	OR	ON	2006/04/10 13:37
S93	1800	S90 and S92	US-PGPUB; USPAT	OR	ON	2006/04/10 13:19
S94	22277	"102"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/10 13:43
S95	63	S93 and S94	US-PGPUB; USPAT	OR	ON	2006/04/10 13:19
S96	3345	(retain\$4 near5 (cap or lock\$4 or ring)) near10 (spring or sprung)	EPO; JPO; DERWENT	OR	ON	2006/04/10 13:42
S97	224855	(shell or missile or projectile or grenade or bomb or bullet)	EPO; JPO; DERWENT	OR	ON	2006/04/10 13:43
S98	85	S96 and S97	EPO; JPO; DERWENT	OR	ON	2006/04/10 13:37
S99	9039	(retain\$4 near5 (cap or lock\$4 or ring)) near10 (spring or sprung)	USOCR	OR	ON	2006/04/10 13:42
S10 0	168045	(shell or missile or projectile or grenade or bomb or bullet)	USOCR	OR	ON	2006/04/10 13:43
S10 1	1017	S99 and S100	USOCR	OR	ON	2006/04/10 13:43
S10 2	12213	"102"/\$.ccls.	USOCR	OR	ON	2006/04/10 13:43
S10 3	79	S101 and S102	USOCR	OR	ON	2006/04/10 13:43